

Classification report on Fire Resistance

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Customer	AGC Glass Europe Avenue Jean Monnet 4 1348 Louvain-la-Neuve Belgium	Standard	EN 13501-2:2023
Case worker	Kanjahn	Number of Notified Body	0045 (Horizontal notification for EN 1364-1)
Validity	unlimited	Issue Number	1

Product

Fire resisting non-loadbearing glazed partition „**Pyrobel 16 SPS VL + angles in Jansen Janisol 2 frame EI30**“
 with a frame made of insulated steel-compound profiles with glazing beads on one side, with angles

Lathen, 21.08.2026

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Kruse
deputy head of test lab

Kanjahn
case worker

This classification report consists of 8 pages.

TÜV NORD Systems GmbH & Co. KG

Test Body for Fire Protection / Notified Body 0045

Hermann-Kemper-Straße 12a, 49762 Lathen, Deutschland/Germany

bu-testing@tuev-nord.de



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1 Introduction

This classification report of fire resistance performance defines the classification assigned to a fire protection glazing wall with designation „Pyrobel 16 SPS VL + angles in Jansen Janisol 2 EI30“ in accordance with the procedures given in EN 13501-2:2023.

2 Details of classified product

2.1 General

The building component „Pyrobel 16 SPS VL + angles in Jansen Janisol 2 EI30“ in combination with fire protection glass panes „Pyrobel 16 SPS VL“ is defined as a non-loadbearing internal partition assembly.

The building component „Pyrobel 16 SPS VL + angles in Jansen Janisol 2 EI30“ is provided for the appropriation as a fire protection non-loadbearing partition. It fulfils specific performance characteristics for fire resistance behaviour according to section 5 of EN 13501-2 when flamed one-sided (section 5.2.2, 5.2.3 and 5.2.4).

The exposed side is the side of the glazing beads and the opposite side of the laminated glass pane side.

2.2 Detailed product description

Frame: product: Jansen Janisol 2

Panes: product: Pyrobel 16 SPS VL

The product „Pyrobel 16 SPS VL + angles in Jansen Janisol 2 EI30“ is a non-loadbearing glazed wall with insulated steel-compound frame profiles „Jansen Janisol 2“ with glazing beads on one side and fire resistant glass panes of type „Pyrobel 16 SPS VL“.

In the test report the building component is described completely, so the construction is described here only in rough outlines.

The insulated profiles have a depth of 60 mm and a width of 50 mm resp. 70 mm. The connections were welded. At one side glazing beads were positioned, height 20 mm. The steel frame was circumferential on three sides. It has two corners of 90° and two 135° corners.

The glass panes are of type „Pyrobel 16SPS VL“ with a total thickness of 24,1 mm, consisting of Float glass, thickness 3 / intumescent layer, thickness 1,65 / Float glass, thickness 8 / intumescent layer, thickness 1,65 / Float glass, thickness 3 / PVB film, thickness 0,76 / Float glass, thickness 6. The maximum tested glass pane size is 1229 mm x 2900 mm.

The 4 mm joint between the butt-jointed glass panes is filled with two stripes of „Kerafix FXL 200“, dimensions 5 mm x 2 mm and above sealed with silicone „Dowsil Firestop 700“.

Between glass and glazing bead resp. profile glazing tape „Superwool X607“, manufacturer Odice, dimensions 20 mm x 5 mm, above sealing with silicone „Dowsil Firestop 700“. An intumescent stripe Jansen art. no. 451.082, dimensions 14.4 mm x 1.8 mm, is positioned each circumferential at the insulator of the profile as also at the profile below the glass pane.

The building component is described completely in the test report and the report of extended application, which are referred to in section 3.1 for verification of classification.

3 Test reports / reports of extended classification and test results for verification of classification

3.1 Test reports

3.1.1 Test reports according to EN 1364-1

No.	Name of Laboratory No. of Notified Body	Name of sponsor	Test report no. dated	Test method
F1	DMT GmbH & Co KG 2509	AGC Glass Europe	DMT-DO-61-377 08.04.2026	EN 1364-1: 2015 EN 1363-1: 2012

Note: The respective DMT GmbH & Co. KG business unit was transferred to TÜV NORD Systems GmbH & Co. KG as part of a transfer of business operations.

3.1.2 Test results of test reports according to EN 1364-1

Test report number Brief description of the test specimen	Parameter	results[min]
(F1) DMT-DO-61-377 Non-loadbearing assembly made of steel-compound profiles “Jansen Janisol 2” with a thickness of 60 mm, with two 90° corners and two 135° corners and five pieces of fire protection glass panes “Pyrobel 16 SPS VL” with an element size of 3740 mm x 3010 mm and a maximum glass pane size of 1229 mm x 2900 mm, inside a standard lightweight supporting construction top and lateral. Exposed side glazing beads side	Integrity (cotton pad)	40
	Integrity (gap gauge)	40
	Integrity (sustained flaming)	40
	Insulation I	30
	Radiation	40

3.2 Reports of extended application

Nr.	Test report no. dated	Name of Test Body Notified Body	Name of sponsor	Standard of extended application
E1	E-6129-TNS 21.08.2026	TÜV Nord Systems GmbH & Co. KG 0045	AGC Glass Europe	EN 15254-4: 2018

4 Classification and field of application

4.1 Reference of classification

This classification was carried out in accordance with EN 13501-2:2023, section 7.5.2.

4.2 Classification

The fire protection glazing wall of type „Pyrobel 16 SPS VL + angles in Jansen Janisol 2 EI30“ of AGC Glass Europe with glass panes “Pyrobel 16 SPS VL”, may be classified according to the following combinations of performance parameters and classes as appropriate.

R E I W t t – M S – C IncSlow sn ef r

E 30, EI 30, EW 30

The exposed side is the side of the glazing beads and the opposite side of the laminated pane.

4.3 Field of application

The scope of the classified component with direct and extended field of application is given in the test report and the report of extended application.

5 Limitations

This classification document does not represent type approval or certification of the product.

Annotations

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Accreditation by the German Accreditation Body (DAkkS) applies exclusively to the scope of accreditation set out in the annex to accreditation D-PL-11074-08.

NB numbers of the inspection bodies are given in the lists for the reports; information on the complete scope of notification of the respective body can be found in the NANDO database.

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